Field Diary Arizona July 9 - Oct. 6

Teff Doshuzton, D.G. Jon Phoenix, anz, at 3, 30 P.M. arrived Cheogs 9,30 a.M. - went to Field Museum where I met Dr. Harlest, Mr. John J. Zunwer and saw again Mr. Frankarh, also guet again Edward Heller and his wife who recently returned from South awelia, Ital dume with eta Bellers and met Mr. Martin K. Bovey at the depot and we took the California Tunited at 8 P.M. Hor angova. En route to Phoening arig. arried Phoeny, avy, 7.45 a.M. Thort & day was shut with ME. Musgrave and Da.

Gelchrist of to Biological Survey. In afternoon we called at the office of the State Lawe Warden. Warden was away, but his a scintific collection permit. also found for Hunt out of July 14 Tilotoguila By Made a stif with Mr. Milogrape, on the Migran Foundary driving about 5 P.M., The object of our trip was to see some crosord wild and domestic shup, We olopped for lunch of the mines town ago. We found an old Papago Folian Spriendly and welling to help us at the lette reuch at a spring good south of the Gorden about 300 yards. He promued to have the sheep ranging near brought un and we arranged to read for the might at an armerican

rauch just north of Muline. Mr. thep-domestic cross, The sheep were drawn who a corrol where we were able to examine and photograph lum and the old Popago Judian who occurs to be the owner and speaks very fair & fourth answerd a three ryears as several goots and domestic sive shief of to Atrain known as Rawbelay ranged from the Ludian runch with the hells near where mountain Thuf are still said to accum, The hells were only four or five miles west or northwest from the ranch. They were surprised to find that this ewe gave but its peloge part wool and part hair, This we grew and three years ago gave brief to a leve lamb still living which is evidently 3/4 mit sheep and

efcept for small sige is strikingly like a mountain shop in oppearance including color and character of pelope. In the sawe year the Rambelay ewe gave that to a nam which much resembles a domestio stup feet has the harge characteristic cruckled homes of the wet they. In addition to there are quying ever all believed to be the much of motings of the crosses tweeton with his half outil and some of his own progue, There all look much like his half osslit or first cross. The Indians consider the animals very walnable,

and returned to Freesen in time to catch a train at 6,25 P.M. to Tueson, where we arrived at 10.45 P.M. only went to Hotel leongress.

Revoid in Tueson conferring with W.P. Taylor, Cohas. T. Vorlies and octures, and arranging to worke a trip to Santa Catalina Mits. with W.P. Taylor tomorrow.

July 17 Santa Catalina
Mts. Fift Purton at 7,40 a M with
W.P. Taylor end Martini K. Bovery
and arounded by auto via Charle
to little settlement at recreations
area known as Summerhaum
at 7700 ft. in the uffer part
of Sodius Ceaugen near Met.
Fremon, arrived about noon.
Rain in afternoon premiet our
making lups on Jook as intended.

Male a try on foot in morning to lookout station on summit of Mr. Fremon and early in afternoon climbed Mr. Bigelow. These trys afforded a clear idea of the

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Rain in afternoon presented our

making tups on Jost as intended.

Male a try on foot in morning to lookout station on summit of Mr. Fumon and early in afternoon climbed Mr. Braclows. These trys afforded a clear idea of the mountains and surrounding country, at 330 P.M we while the controlled section of the mountain grade and discounded again to Tueson rarriving about 8,30 P.M.

Rewained in Nucton alterday & routine watters.

July 20, Tuebon to South Rita hets. and relieve, Moha a trif with Taylor and Boury up Modera leavy on to about 5000 ft. altitude and then climbel on foot to near the summent of Ald Boldy where we turned back owing to a gathering thunderstorm, and returned to Tueston, a gruenal idea of the character of the country was obtained and a number of plants where noted. Family had arrived from its each by auto early in its day and I found them all at Dr. Paylor's house,

at Tueson attending to soutine matters and arranging for wain trip.

July 24, Tweeton to Souta Rita reto. If Purton Jon Souta Rita reto. 1230 PM accompaniel by W.P. Taylor in his own can and mentin K Bowy Owille and Futher in my own. Reached camp at Mc Elvary's Rauch and got out first haps.

July 25-31. Santa Reta Mito. Remaind at same camp from which trips were made to vear oumnit of mountains. In latter date are returned to Tueston.

Remaind in town alterday to

routine malters.

Avg. 2. Purson
Foft Tweeton in morning and 23
nulus from town developed ingine
houble and had to be pulled
Back to lower, this operation
laterizall the afternoon. He
were Bladed for Senta Colotina
note, when forced to turn back.

leatating Mb.

Morning required for repairing car fift Murson in afternoon and assembled, via Oracle to Base of mountains on the north side where we camped for the night.

Rose to crest of Santa Catalina Mks.

Fift camp early and assended steep grade. Entered controlled

that to pull out to one vide and wait and hour and a half until next puriod, Reached the top shortly after noon and was able to get out good set of hops along swall stream near cabin in which was found lodging.

Catalina Mts. avig.

Remaind working the refun
slopes of the mountains on latter
data returned to Tueson.

Much rain during this period
which prevented or delayed effective
mark.

orienty.

Remaind of Tueson arranging
routine walters and from town
making trips to viewity of the Sowell
where lopolypus of Engurolon
h. cringal were siewed.

Tombotone, ariz.
Feft Tucson of 5.45 PM and raw to man Tombotone camping 4 miles from west of town.
Road from Vilron followed quesally level Affer Fower Soxonan Plains but east of Buson witness more rough rolling country.

Tombotone to Ranger Hation at El Portal.

Fift camp varly and after breakfast in Tombotone continued by inglinary to Bistre etime to Dauglas athere we had lunch and in afternoon we continued to Rodes, M.M. where we turned must and campel near the Ranger sta, at Fel Portal, its east base of the Chinicalma suts.

Road led through picturesque, broken country with granity bouldes

protoding in the vecuity of I ombitere and was givenally rough and urregular to point where we intend Tombotom leavyon It is Lower Lorenan in Character however to this point, Seven miles nout of severe we enter I mother leavyon down which a swall stream flower loward the Sen Preho River vally. Here are witered Wohn Donoran Zove and assended the causen to a dwile of 6030 ft. descending begood rapidly with Bestel. I outlone teamfor is flanked on the east by the Mule Mis, and on eta west by the Black Ridge. There are low linkered mountains affarmety reaching about 7000 ft, and offer Deresean in character Parking through Otrober we lurud eastward and descended rapidly to the level town Sonoran plain forming the offer fact Dy the Sulften Spring Valley, Road is found and in fine condition from Brokes to Dauglas, both bring profuous

copper numing centers. I som Pouglas our route was northern across the growally level flow to a point beliven North hollige Prak and a low southern extrusion of the Eliererahua Mts. where we begon to asked gradually toward a perod in liffer Sonoram. Zone Feleven lehiritativa and aparte stations on the El Paso and Southwestern Kallon. This pass is charachingid wanily by the spin grassy conditions from which Tower Sonoran oferes are about, Clout 12 miles south of Rodes on the northern side of the past and again introd form Sonoran Joxe which yours a broad arm along to when part of the San Summer Vally, To the east the Paloneille Miss. mos un rounded contour and appear largely naked, but are said & Rear considerable oak trube on their apper slopes. They appear to Toe wholly in Uffer Smoron Jone. tun Rodes, N.M. we meroted to

dreziva Bounday and assended to the Raign Statum of 5000ft. at El Portal four Sinonen Zing accupies the San Simon Villy floor and reaches up to near the month of leave levek leavyon.

1001

Avg. 16-20, Colivicalwa With.

Remaind working the mountains on a vicinity with avg. so when we left for he routs to the Awachusa Mits. On avg. 18-19 a trep was worked to San Simon Crinega where I hoped to seeme of seement of Signorders but found only much or not very furthy with Jerrows and no openious were obtained.

CB, Scholefield, Ravger of El Portat

Address Rodio, N.M.

Do La Martyr, Rodeo, N.M.

Would like gineral publications

above quittum were very helpful

to us while working of El Partal.

Left Ravgu Statum of Tel Partal

11.40am. and returned via some routs as on any, 15 to Biobie where we lived south and had supper on the Mexican side at Maco, Son, after suffer we retraced a few miles and look the road to It. Brachusa camping on the road within sight of Maco, any, is situated on the Mex. Boundary in Lower Smoon your which went of a line of upper Smoon hills which seem to extend from Biobie to the Mexican line.

Jeff camp a fur miles from Hard and followed the road in generally west direction to barr leavyon on the eastern slope of the Huseburg Puts, where we learned a bitter point for over work would be Ramsay Comyon which was reached by a delower about noon. Arranged in afterior in worning.

avg. 22 (Wed.), Huachura Miti. Made a trip loday up Ramsay Campa and out to els creek of the mountains at a point ownal sails north of Miller Veak, where we lurud south along the erest and headed Carr beaution finally reaching a Joseph where we were guito near and were able to get clear veens of The Alopus of Miller Peak, the highest modularia in this range, Kewarkably few Birds were sein, From eter lop yellup views were bad expecially toward the west and south, Toward the west we were able to one Babo zmoori Peak and much of the Habo guivari Ravge was destrictly visible over the lower milioning mountains, I dward the south ranges of mountains of moderate beight could be seen in Myrea and

swoke sixing from one point warkerd the mining camp of leananca. Fife Zones - Transton Zor e retuils to the summet of these mountains and iting officer rather and in character as compand week the Chiricalua Mountaines, arville and Justin rode up was Martin and I and enjoyed the trip very much as it was the first time soe have made any istuded his on horseback all logular. In a for places the trail was narrow and some care was reguired in handling a horse in order to, jeans sofely.

avg. 23 (Thurs) Huachura Mts.

to camp between Potogonia and Mogales,
Left Stuachura Mts (Rampay Cermyon),
at 2.35, and after stoffing for suffere
at Patogonia we continued of his dark
a few miles and compil on road
at 8.30 PM.
Road from Rampay Cermyon led

northward foot the brachura which is located of the base of the wountains near the north end and on to the Hozales tighway leading southwest between the Mustave nos. and elso societiem end of the whiteline mes. Tell zones. We were in Lower Donoran Zone to a point believen Hos Mustang met and the southwester end of the whether where we assembled with Upper Southan Zing at about 4200 ft. on the open plain. This belt of Upper Donoron whinds across to the Santa Retallets, Deven elis head of Empire Fulch and Smorta lereks. a few miles south of Sonoita Statum, however, are entired a small gillet along which Hower Dondan elevents began to affect and this belt become grandrally broader to mean Valagama where it is avidurely of everiduable sklent. Whitslone Mts. Parting near the southern wed a good veen was

bad of trambs That which is evidently trubby with ook and does not ress above reper Sonoran Zone. Mestary Mis. These form a swall group of irregular, rocky peaks roung perhaps 500 fut into Upper Sonoran Zones with dup upper Sonoran Joses only Abolity above the plain beleven them. They bear a few toks beginning. on etto lover Alofes, where meggues and yura radiova zive way to Rolina along a sharp line. Weather Money and Meating, but no rain, abundent raws have produced a fine growth of granna grass in this setting. avg. 24 (Fri.), leamp on road to Nogalis to camp near Suundis Runch u altar Vally. fift camp early and ran on down valley to nogaly for healfast them north by bigliway to man arwara Junetin where we turned west and

south to annaca, there in down

a powing rain in a letter division a powing rain in a letter division which migginter afforded our opportunity to put up trut,
Roch was rough and general the way though but Town Jones all the way though but Town Jones all the way though but Town Jones all in time to excape a flood which came down as we learned with day during the night,

avg. 25 (Wed.) Therenders.

On attempt was work to cross
the dramage channel down aller
Vally at Dreundins Rauch, Jut a
flood had come down its night
Tefore as that the Follow was
a boy and possong impossible. We
then turned south to Bumos arms
Rauch and north again west to
the work. This enabled as the

parois north from San Fernands
east of the Bobogumere Met.

Parentel rains are waking ant travel

Difficult. In places it has been
reported Bot autos stock in sand
in actuality of name crossing have

bein washed away.

Revaired in Tueson, Rieg,

Foft Theore in afternoon and after stopping for suppor at Florine continual toward thomis comping for the wight on the road a few miles east of Mesa.

Broke camp and ofter treatfast of Mera continued to Phoning where I Low a conference with the Hovemen and himh with aldo Tropold. Continued in afternoon and evening to Fish level en routs to Flogstaff. Ceampel for the night of Fish Cerek. Breakfort of fish levels and etimes of a to find the sound of the Prince of continuing up the slope to Prince where we camped for the night, fife zones, fower Sourcean zine extrale to the base of a sharp asteut wear appoint fower Jowe Sourcean in this section whitestid in part by a good growth of grant cartures, supper Sourcean zine extends to Prince where Transition zone is intend rather absurptly,

Ang. 31- Come to boung N. of Lang Vally.

From Bive we astended Thouberry

Hill as it is ballest and topped the

run of Touto Basin, Here we intend

an area which has been visited by

heavy almost daily rains with the

result that the roads are very bod
in fact almost impassable, We soon

byan flounding through sund and

water. Iwal large cars were found

stuck along the road and we helped

them to get out. a Masswell got stuck

ord while we assisted by pushing stopped differential gears in getting out of a much hole which we had just poulled through without stopping about a mile south of Jong Valley. We reached forg Valley in a pouring rain. Our stock of gasoline was replicable and we continued until dark over a very brown road. Our total mileage for the day was only about 36.

Rood was rough and bod all the way
in, but the was no dup mud after we
reached Marmon Joke, which was passed,
shortly after noon. Sweed cars had
started south from Marmon Jake Jul
our report on condition of road caused
there to turn back, a number of prople
were fishing at Marmon John where
you'll ad we saw a few bing
carght. Luther as would was aufions to
otop and fish, fut we had no nonresidual because and for other rows

Jourd it necessary to publism.

Supt. 2- Flagstoff to comp

about 30 miles south of Grand Canyon.

Fift Flagstoff after noon and proceeded west to Maine and their north

by Grand Comyon highway to a point

where we campel for the night on

very web ground, For the night on

very web ground, Forme tire houtles

delayed us on its road.

Sept. 3, Grand leavym.

Fift camp early but helping statled cars
out of wed and some tire houther

delayed us and we did not reach the

leavym with afternoon. Saw bol. brooky
and arranged to go down to Herwit lek.

leamp lomerrour to inspect Joroge,

conditions for prospective autilitie.

Jeft Grand Canyon week Park ranger bal,

Beek and descended Hermit Trail to the

camp. Jumm rains have brought up

some Jorage and general conditions appear

com more favorable for autilope than

Feft Sperint lep. beauty and rode with ranger leal Pick to Phantom Runch, in the month of Bright avgel beautyon, 26 miles. Here I was joined in the wening by leal. W.W. brooky Pork Superintendent, and party who are on their way across to the north rim to much Mr. Sleptin I. Mather, Director of the Mat. Park Service. It was still hot in the Toltom of the Campon and shuts were all the covering we required during the right.

Bright avgel Point.

Bright avgel Point.

Leaving look lerothy to follow later and camp on the way 2 puched wheal with Martin K. Boory and Bloody Jewen 5

no 9

to north run. We found the trail body wooked out in places, but early passable. On reaching to run we turned to to left and reached the range station to near Bright avgel Court about 6 delock. after supper at the station Blondy Justen came along and monted we to rude out to the point by autora distance of about 21/2 miles. Wyle Way camp managel by M. We ke is located at the point and we found a number of lowests opening the night there. The fourt commands a view down Bright avgel leavyin, but the view of etro carryon as a whole ded not appear to me particularly five.

Sept. 7 - Bright avgel Paint to

Rode north with Martin K. Bowy and Park revger MacDonald up Thompson beaugen to the head of Jouth Canyon where the ranger who had come along as a guide turned book. Bowy and I went me down the Canyon a nucle on to to the

head of the water below which we set out about 70 mouse traps for shrews, We thin continued by the trail through the words toward the north, finally energing on to Tughway and on several mule to W.S. Reuts Aunua comp at V.T. Park. Here we stopped for the night. Was outpried & find Hearge Slivas 3 and the camp, be having just arrived to pholograph the dur. Vier. Very four deer were som in to part and I harmed that for some twice they have not been coming out in muches. Ubundant summer rains have trought up grass in profusion, but the dur ang evidently fredery just now upon mushrooms, all of those own by we offeard to be in good condition, but some of the dow are reported to be poor. Dr. Barrett Develor of the Milianker Tublic Mus. lold me that he was aflet see the sibs on some of them. Durang Atel taking about all ette as fun have within reach and sometimes rear on their hand logo to get them. They rear on their hind by at times, and while reaching

for the beaus take toos or there olips forward with the hind Jut mibling meanwhile of the braws and item drop to the groundson their front bys. The deer situation was discussed with Who. Matter to a limited extent and I found he is stell opposed to any opining of the area to hunting. He is anxious to house the brawd leavyon not. Park extended 25 miles north. This would include the majority of the deer and in my judgment conflicate control of them.

Dist travelled about 20 miles.

Supple Bright angel Point (Wylie Way leavy). Returned via South leavyon to Bright angel Point - about 20 miles.

Den, a few only were our in the lumber along the road. One big buck was observed to bite into a large numberone when a trie. He took out a tity pulling of the mushroom by the stalk and this folling out of his mouth rolled down the billoider as he sow me and savely a short jump.

We remained our night of Wylie Way lange

and there was discussion of game and other workers of interest around the trig coup fire. Mr. Mather spoke briefly and introduced we and I talked of the authorized, deer and other game in gunal terms.

Sigh. 9. Wylie Way beaut to Phantom Rauch.

Planton Rouch about 6 P.M.

Weather box him dry ever sine our arrival of Flogstaff.

Spape of low dams were sum a short distance below Roaning offrings. Here the leavers munitami low dams in swall wide channel of the main other. a few cottonwoods, most of which have hum cent, grow in the vicinity and it seems probable that there is a shortage of food for even the very swall number that scene there. I total level arosby I thought it would be a good thing to stack a considerable number of cottonwood cuttings

along the stream this fall where they would be in position to grow the has agreed to adopt this suggestion.

Strand leavyon.

Relumed loday to etro south rim

where I found druelle and Freither book

been having a good time in my absure,

going on sund short trips with But

Fangon who owned to lake quite an

interest in them.

Flagstaff.
Flagstaff where in the evening Martini
K. Boury left for lealifornia

Sept. 12 - Remaind in Flagsloff. It stormed most of the day.

in jumpie Felt.

Teft Flagsloff about 7 P.M. and drove across the pass with the jumpin belt on the road to leaveron. Weather was threatuning and we put up our trut among the jumpers.

Sept 14- Indian Ruis about 10 miles southwest of Black Folls. We came on through the Dradman Wash country and down to this place, arriving shortly before noon.

These Indian ruins one now regularly writed by a few lownist but sum letter known. Swend rather large buildings made of flat slabs of sand are located in prominent places on whitish bimustone ledges. The attilbude is 5500 ft.

Trops were set in The afternoon.

Sept. 15- Indian Ruis & leawnon (5 mi. 525)

For Ruis todays and drove & Ceawron and over an old road south near the rues a few miles and camped at southern a gent miles and camped at southing auteroppings

Hotiosome. The prize of last wights work was a opening of this given later by aville 21/2 ft. from the ground along a bimotone bedge.

Sept. 16-leamp 5 mi. 8 20.

Revail at some place enjoyed in ground field work and writing up water.

Sept. 17 - 18 (90x.) leans 5 mi. 5 2.

gleameron.

Reward at same camp, a heavy storm lasted much of the 17th and on the 18th S.f. mt. appeared largely countwit more. Focal thunder storms continued on the 18th, but no rain fell at our camp. Day, however, was windy and cold.

Sept. 19 (Rue), Camp 5 mi . 5 W.

Revenued of same comp. Day beautifully clear and colon, S.F. set, covered with onow extending well down into the trubes.

This section of Paretal Devent is a Bod lands country, tot with growth, Trousing, or riddlook Hardstone marin, efterwily eroded so that caps project above a Here is lettle vegelation. From som of here to exconfrunt of the leverino Glalian rives gradually loward the NZV. The Echo Celiffo are wille in the distance and appear to ruse with a lower area Jehns chur. across to Feets Colorado cliffs or steep bliffs banden the run vally as far as I can be see both up and down. Black Paul is worth as a flace where lava has flowed out to near ets Fitthe leoloropo.

Returned to Flagstoff in afternoon.

Sept. 21 (Fri.). Camp man

Williams.

Tift Flogstoff early in afternoon wholy to go to Vanital Prout country via Lupp, but we found the crossing of Walnut Bk.

No 13

practically importable and roads worked out, so returned to Hayslott and ran west to wear Williams where we couped away the purs. Sept. 22(Sol) Near Williams to cowp on road about 15 mi. S. of bloride. Jeff camp and followed warm road to Kingwan, there along man line of RR. to Me home where we harmed notes and camped marly a rocky hell That afforded serve obeller from hand wind that was blowing. Road loty was though fine found plotean country to a fount a short distance wort of Williams where my ran uts upper Imoran zone afliranz to man had of Tourston banyon where we entered a torque of Lower Sonoren extending up the causen. Upper Smoran whiching somewhat faither in Wills.

Jeff. 23 (Soth) leavy about 155.
I belovide to Dolaris Spring.
Fift comp in morning and drove on into ablance and them on north to tolaris

Spring to obtain spermin of Cutillies For neglicition from type locality, Road led north over gradually stoping plan to belonde which is located at about 4500 ft. at the lave of one of the logher savges of mountains in the vicinty, the highest fourt leterums besk eftending well with liffer Sonoran Jue. Frombblande the road bd north - we following this highway to Tearebloght to the four where it luses direct mest across Detrital Vally to the firmy (now out of commission) on the Coloredo Run, We took too White All's rood at this fourt and Jurally luned east and up over on old olighedy used road to the spring at 4500ft, in a pass organiting Tetrital and Avolpar valleys. a full set of hops was placed at once for in places where its belilles might be uppeted to acom, but more wing later lung the day. Veg. Near Dolans & fog. characturalite vg. is miganto, levella, a tre guera and

A your with very long bours,

Folewith, From the spring wanted at
the base of the hill by several large,
bright green surgantes etre water is
piful down to a tank where a conwhoole number of horses and cutter
water.

Sept. 24(Mon.) leavy on tollown in Detrital Valley.

Moved camp a four wells (abouts) in afternoon to two livel follown of Detrital talley where in savely soil I hoped to have talles success in the securing the betillus which could not be found of Dolais off.

Ye, Are Covilia is the dominant species with strips of open savely grass land along the tollow in which wany much have along the tollow in which wany would have along the tollow.

Old Branchlight Fenry),
Failed to find tanganoon little at
camp in Petrital Vally. Ran on in to

Schloude where provisions were secured and this road to sto Rein Tallowd, Rook bed across Detutal Vally and our a low range of supularios, crossing a poss of 4200 ft, Væg. a peula combination was notife in crossing the mountains where at about 4500 ft, houlled amosissina. namobitima, leoloroto Ruin, The rue valley bottom Groodus at the firmy elies him an alluvial bollons on pulaps 2 miles we wide efterday for 6 on 8 miles the mountains closers in to the ruce Bank to the north and south. sund at the Sept. 26 28(Fre), leolordo Riv. Remand at comp at old Translingst Juny recently mound about four will upotrement but not yet in communica wanty due to uncomplaint road as affroach, Run balton, The rue of Judapa

300 yards broad at this point west a rapid current as usual elsewhere. In its Mooda side a long gradual, gravelly slope extends for a number to to los of a low rudge while rugs I rouges of hells reach to the river to the north and south, On eto angova an alluvial bottom about 2 miles wide and 6 on 8 milions is ourgum with salt histher and atufley and neaver to the son by belts of collowood willows Prosofus Juliacus, miguita and dure director of tall arrowwed. a preture of the alluvial follow so could with large dunes of loose, drifting sound - lives of older drives vegetation which with as a raist burde and the sand is no longer Rancies Swend rouches are located on the allowal bottom the largest Jung that of a Mr. Patien who farmerly of watch the firmy. Iwall

areas are irrigated by pumping water from the river.
The afternoon of the 28th we left the river at 3,150M, and climbel the long otrap slafe from 750 ft. the two river to a little over 4000 ft. on the crest of the low range of hields flending to vally. We there rierosond Detrital Vally and hearthal believinde about 5.45 PM - a distance of 28 miles from the river. Stoffed for the right at Hotel Davis. in bellowide.

Weather - The fast few days have been dry Jut windy as a rule and it has turned decidedly cooler.

Seff. 29.
Steff bellevile and returned to
Mingman orthogo after some refine
to can were completed we
continued out a few willy to
Hualpin Mts., camping on the
slope of a spring in the refer
part of Upper Soveren give.

Made a trist to summit of stralperi the its bugherh such of which is own soos It. with while haps were ret for Mutiolia. I found the old trail followed by we about 10 years ago had largely disappeared and was difficult to have in wany places.

Mode a tup to top of buspain al fack to comp with drulle and fuction to bus down haps but yellulay. The laster part to perform was dwold to perform was dwold camp of the spreament were secured and they were form? common on the extreme summit of the pool. gradually discours in altitude without bouthward for a considerable distance. The wighen prokes was the norther wind are consisted by high ridges.

Jeff Graffai mts about 8 a.M. and followed the highway early to believe to where we for pulate 30 miles where we camped in its junju country 87 that section,

Det. 3. leamp 8. 7 Subjument Phoenix. about 8 august of Subjument of S

leanyon any. The Phoening to near leaving the Phoening in every start 6

Black leavyn roed up agua
Fria Vally to near Canyn where
we camped. Dist, 48 miles
In Phoenix I confirmed with
P.a telchrist and M.G. Hurgrave
and sour Governor but who
was about to leave for Kentat
to wate a pursonal nivestration
of conditions affecting the derr.

Oct. 5 Near Conym & Singuan, wie Priscott & Subguan Prove about 2/6 miles and reached Kingman after dock. This is probably the longest days run of alutif,

Cet. 6, Kingman to Meadles. Cathed up and shipped outple and left Kingman in afternoon about 2PM, Drova about 72 miles to Needles, lealif.